



Bachelor of Science in Manufacturing Engineering Technology (Ref# 5006)
 School of Engineering and Applied Science
 Ogden College of Science and Engineering
 Western Kentucky University

The suggested program of study shown below should be used in consultation with your advisor(s). Every student will finish with a unique plan of his/her own depending on the electives selected.

SAMPLE 4-year plan

FIRST YEAR	Fall Semester		Spring Semester	
	AMS 163 Architectural Drafting OR AMS 205 CADD for Manufacturing	3	HIST 101 World History I OR HIST 102 World History II (F-SB)	3
	AMS 120 Basic Electricity	3	AMS 271 Industrial Statistics	3
	Natural and Physical Sciences, (E-NS+SL)	3	Finance Elective. Pick one of the following: ACCT 200 FIN 161 (E-SB) MKT 220	3
	ENG 100 Intro to College Writing (F-W1)	3	AMS 227 Introduction to Manufacturing Methods	3
	MATH 117 Trigonometry (F-QR)	3	COMM 145 Fund of Public Speaking & Communications (F-OC)	3
	TOTAL CREDIT HOURS	15	TOTAL CREDIT HOURS	15

SECOND YEAR	Fall Semester		Spring Semester	
	World Language, if needed, OR General Elective	3	ENG 200 Intro to Literature (F-AH)	3
	AMS 371 Quality Assurance	3	AMS 370 Computer Numeric Control	3
	AMS 217 Industrial Materials	3	Business Law Elective. Pick one of the following: MGT 200 MGT 301 MGT 333	3
	Social and Behavioral Sciences, (E-SB)	3	ENG 300 Writing in the Disciplines (F-W1)	3
	Natural and Physical Sciences, (E-NS)	3	Arts and Humanities (E-AH)	3
	TOTAL CREDIT HOURS	15	TOTAL CREDIT HOURS	15

World Language Proficiency: All students entering in Fall 2014 or later must demonstrate proficiency in a world language at the Novice High level before completing 60 credit hours. Novice high is the ability to communicate in writing and speaking on familiar topics in simple sentences. To meet this requirement, students may take college language courses or take a proficiency test. For more information go to www.wku.edu/modernlanguages/placement/.

Colonnade Plan: All students entering in fall 2014 or later must complete 39 hours in 13 specific Colonnade areas. Colonnade areas are listed in parentheses marked in blue after the corresponding classes. Some areas may have specific course requirements while others can be chosen from selected lists of options. For more details and to see lists of options, go to http://www.wku.edu/colonnade/documents/approved_colonnade_courses_website.pdf

THIRD YEAR	Fall Semester		Spring Semester	
	AMS 328 Robotics and Machine Vision	3	AMS 390 Project Management	3
	AMS 356 Systems Design and Operations	3	AMS 310 Ergonomics and Safety	3
	Elective	3	AMS 343 Automated Systems	3
	Communications Elective. Pick one of the following: BUS 214C COMM 345 COMM 346 COMM 349 COMM 362 MGT 361	3	AMS 342 Manufacturing Operations	3
	Connections: Social and Cultural (K-SC)	3	Connections: Local to Global Course (K-LG)	3
	TOTAL CREDIT HOURS	15	TOTAL CREDIT HOURS	15

FOURTH YEAR	Fall Semester		Spring Semester	
	AMS 430 Technology Management / Team Building	3	AMS 394 Lean and Supply Chain Systems	3
	Electives	5	AMS 490E Senior Research for MET (or elective if Study Abroad)	3
	AMS 398 Internship OR UC 400 Faculty-Mentored Undergraduate Research experience	1	Elective	3
	Connections: Systems (K-SY)	3	Elective	3
	Elective (or Study Abroad substitute for AMS 490E)	3	Elective	3
	TOTAL CREDIT HOURS	15	TOTAL CREDIT HOURS	15

Total Credit Hours: 120

For more Information:

School of Engineering and Applied Sciences

Website: <http://www.wku.edu/seas>

Phone: (270) 745-3251

Email: seas@wku.edu

Course Description: <http://www.wku.edu/undergraduatecatalog/>